

Message

From: Jeffrey H Birk [jeffrey.birk@basf.com]
Sent: 9/15/2020 4:10:28 PM
To: Hathaway, Margaret [Hathaway.Margaret@epa.gov]
CC: Kenny, Daniel [Kenny.Dan@epa.gov]; Echeverria, Marietta [Echeverria.Marietta@epa.gov]; John Sedivy [john.sedivy@basf.com]
Subject: Additional analysis of BASF field studies
Attachments: BASF_Engenia_Buffer_Study_Introduction_Review_20200915.pdf; BASF Large Scale Dicamba Field Studies in 2019 Deposition 15Sep20 MJ.pdf; Summary File of All Sites_BASF Large Scale Dicamba Field Studies in 2019 Deposition 15Sep20 MJ.xlsx; Supporting File for Illinois Site_BASF Large Scale Dicamba Field Studies in 2019 Deposition 15Sep20 MJ.xlsx; Supporting File for Mississippi Site_BASF Large Scale Dicamba Field Studies in 2019 Deposition 15Sep20 MJ.xlsx; Supporting File for Missouri Site_BASF Large Scale Dicamba Field Studies in 2019 Deposition 15Sep20 MJ.xlsx; BASF Large Scale Dicamba Field Studies in 2019 Air Conc ver3.pdf; Summary plant effects and field PUF measurements 15Sep20 RW.xlsx

Hello Meg,

I am sending several files that will provide EFED with additional insight and understanding about the value of using a pH buffering agent with Engenia when tank mixed with glyphosate products. This contains a written explanation along with slides that have previously been shared with the Agency. Please note, however, that slides 8, 10 and 12 are new and provide the results from the individual active air samplers surrounding the treatment area. Previously only the averaged results were included (slides 7, 9 and 11). The individual data helps to understand the dicamba movement relative to wind direction.

Also I am providing additional analysis of the three BASF large scale field drift and volatility studies from 2019. This additional analysis looks at the contribution to soybean response from dicamba residues captured as deposition samples as well as via active air sampling. In both situations the low level of dicamba capture via deposition samples and via air sampling resulted in visual soybean injury symptoms, but did not result in a reduction in soybean plant height.

Please share with the folks on your side and we look forward to having a meaningful discussion on Thursday afternoon at 2:00.

Jeff

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